

### **REMARKS**

After entry of this amendment, claims 1, 3-13, and 15-29 are pending. Applicants respectfully submit that the cited art does not teach or suggest "each value of the plurality of values comprises a plurality of bits, and wherein each value is associated with a different corresponding cache line stored in the cache in a respective way of the plurality of ways, and wherein the different corresponding cache line is stored in the set selected by the decoder, and wherein there is a one-to-one correspondence between the different corresponding cache lines and the of the plurality of values, and the plurality of bits forming a given value of the plurality of values, as a whole, is the value associated with the different cache line" as recited in claim 1 (and similar features recited in claims 13 and 23). Accordingly claims 1, 3-12, and 15-29 are in condition for allowance.

### **Statement of Substance of Interview**

On May 5, 2010, the undersigned and Examiner Dillon had a telephonic Examiner's interview. Proposed claim amendments similar in nature to those made above were discussed. Particularly, amendments to claims 1 and 3 were discussed. The prior art was also discussed, including Tran. Arguments similar to those presented in the Response to Final Office Action filed April 23, 2010 were discussed. Additionally arguments regarding the features added to claim 1 herein (and similar features added to claims 13 and 23 herein) were discussed, highlighting reasons why the amended claims are patentable over the cited art.

Applicants submit that the application is in condition for allowance, and an early notice to that effect is requested. If any extensions of time (under 37 C.F.R. § 1.136) are necessary to prevent the above referenced application(s) from becoming abandoned, Applicant(s) hereby petition for such extensions. If any fees are due, the Commissioner is authorized to charge said fees to Meyertons, Hood, Kivlin, Kowert, & Goetzl, P.C. Deposit Account No. 501505/6363-00600/LJM.

Respectfully submitted,

/Lawrence J. Merkel/

Lawrence J. Merkel, Reg. No. 41,191  
AGENT FOR APPLICANT(S)

Meyertons, Hood, Kivlin, Kowert, & Goetzel, P.C.  
P.O. Box 398  
Austin, TX 78767-0398  
Phone: (512) 853-8800

Date: May 17, 2010